OCTOBER
MONTHLY PROJECT STATUS REPORT
FOR
FORMER HEXCEL INDUSTRIAL CHEMICALS FACILITY

Lodi Borough, Bergen County
Lodi, New Jersey

ECRA Case #86009

Submitted to:

New Jersey Department of Environmental Protection
401 East State Street, 5th Floor
Trenton, New Jersey 08625

Prepared by:

Heritage Remediation/Engineering, Inc.
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Toledo, Ohio 43612

November 12, 1990

HERITAGE REMEDIATION/ENGINEERING, INC.

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November 13, 1990

Mr. Gary Sanderson
Case Manager
Bureau of ECRA
NEW JERSEY DEPARTMENT of ENVIRONMENTAL PROTECTION
401 E. State St.
5th Floor
Trenton, N.J. 08625

RE: October Monthly Project Status Report
Former HEXCEL CORP. site.
205 Main Street, Lodi Borough
Bergen County, NJ
ECRA Case No. 86009
HR/E Project No. 60027

Dear Mr. Sanderson:

On behalf of HEXCEL CORPORATION, Heritage Remediation/Engineering, Inc. (HR/E) has prepared this report of Phase I remedial activities performed at the above reference site. This report is in partial fulfillment of paragraph 36 of the conditional approval letter requiring the submittal of a monthly status report. This report describes activities performed over the period from October 1, 1990 to November 1, 1990.

1. Approval for Wells Along Main Street and Molnar Road

In accordance with Items 6b and 8b, HR/E has received written approval from the Borough of Lodi for installation of the wells on Molnar Road and in the right of way of Main Street. Attached in Appendix A is the Borough of Lodi Resolution No. 90-182 as well as site access authorization from the owner of 210 North Main Street.

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2. Aquifer Characterization

Slug tests were performed on control wells to estimate the hydraulic conductivity and transmissivity of the water table zone. These tests were necessary to estimate the specific capacity of each well. Ground-water discharge rates were then approximated for each well prior to actual ground-water extraction and treatment. Appendix B contains the aquifer characterization report.

3. DNAPL Recovery Pilot Test

Due to the preliminary indications of three relatively high-yield DNAPL Recovery Wells (RW7-1, RW7-4, and RW7-5), a pilot recovery test was conducted on each well. Appendix C contains the pilot test report. Since that report was written, additional DNAPLs have been recovered. Between 10/3/90 and 10/10/90, the system was operational intermittently and yielded approximately 2.5 gph. Table 4 table summarizes some of the data collected during the pilot study:

TABLE 4

DNAPL Pilot Recovery
RW7-5

Date	Depth to DNAPL (ft)	DNAPL Thickness	Net Decrease (ft)	Accumulated DNAPLs Recovered (gal)
09/25	15.18	4.17	0	200
09/26	15.45	3.90	0.27	300
09/27	15.62	3.73	0.44	375
09/28	15.78	3.57	0.60	400
10/03	15.95	3.40	0.77	500
10/10	16.00	3.35	0.82	650

4. Ground-Water Sampling and Analysis

Ground water samples were obtained from CW-3, CW-11 and MW-21 on October 3, 1990 for laboratory analysis. This report can be found in Appendix D.

5. Inspection of Restaurant Basement

On October 31, 1990 an walk-through inspection was conducted of the basement of Vincenzo's Restaurant located adjacent to the Fine Organics Company at 231 N. Main Street. This inspection report can be found in Appendix E. Nothing extraordinary was noted during the basement inspection.

6. Sewer and Tank Farm Soils Sampling

On October 31, 1990 HR/E personnel sampled the sediment from the industrial sewer at manhole no. 3 for waste characterization. Analytical results are not available at this time. Also on this date, soil samples were obtained from within the containment area for above ground tanks nos. 9, 10, 11, and 12 for waste characterization. Test results are not available at this time. Documentation is included in Appendix E.

Should you have any questions or concerns regarding this report, please do not hesitate to call.

Respectfully,
Heritage Remediation/Engineering, Inc.

Robert R. Beckwith, CPG
Senior Hydrogeologist

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Attachments

cc: A. William Nosil
John Schroeter

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